

UTILITY PATENT APPLICATION		Attorney Docket No. 1602.1029
<u>TRANSMITTAL</u> (Only for original applications)		<i>First Named Inventor or Application Identifier:</i> Terunobu MARUYAMA et al.
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<i>Express Mail Label No.</i>
		17548 U.S. PTO 10/705787 11/12/03
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form</p> <p>2. <input checked="" type="checkbox"/> Specification, Claims & Abstract[Total Pages: <u>44</u>]</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113)[Total Sheets: <u>14</u>] [FIGS. <u>1-23</u>]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration[Total Pages: <u>5</u>]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))</p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Verified Statement Claiming Small Entity Status</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 C.F.R. 1.76</p> <p>7. <input checked="" type="checkbox"/> Applicant claims foreign priority benefit to: <u>Japanese Application 2002-331756 and 2003-201144 filed November 15, 2002 and July 24, 2003, respectively</u></p> <p>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>II. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> <p>10. <input type="checkbox"/> For publication of assignee information under 37 CFR 1.215(b), list the assignee as FUJITSU LIMITED of Kawasaki, JAPAN. The Assignment papers will be filed later.</p>		
ACCOMPANYING APPLICATION PARTS		
<p>11. <input checked="" type="checkbox"/> Assignment (cover sheet & document(s)) to FUJITSU LIMITED of Kawasaki, JAPAN</p> <p><input checked="" type="checkbox"/> for publication of assignee information under 37 CFR 1.215(b)</p> <p>12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (<i>when there is an assignee</i>) <input type="checkbox"/> Power of Attorney</p> <p>13. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>14. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>15. <input type="checkbox"/> Preliminary Amendment</p> <p>16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (<i>Should be specifically itemized</i>)</p> <p>17. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority is claimed</i>)</p> <p>18. <input type="checkbox"/> Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent</p> <p>19. <input type="checkbox"/> Other:</p>		
20. CORRESPONDENCE ADDRESS		
 21171 <small>PATENT TRADEMARK OFFICE</small>		

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16519 U.S.PTO

S&H Form (10/03)

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No.	1602.1029
		Application Number	To be Assigned
		Filing Date	November 12, 2003
AMOUNT ENCLOSED	\$ 1878.00	First Named Inventor	Terunobu MARUYAMA et al.

FEE CALCULATION (fees effective 10/01/03)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	22 - 20 =	2	X \$ 18.00 =	\$ 36.00
	INDEPENDENT CLAIMS	15 - 3 =	12	X \$ 86.00 =	1032.00
	MULTIPLE DEPENDENT CLAIMS (any number; if applicable)			+ \$290.00 =	
				BASIC FILING FEE	770.00
				Total of above Calculations =	\$ 1838.00
	Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)				
	Reduction by 50% for filing by small entity (37 CFR 1.27).				
				TOTAL FILING FEE =	\$ 1838.00
	Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))				
	Recordation of Assignment (\$40.00; 37 CFR 1.21(h))				40.00
				TOTAL FEES DUE =	\$ 1878.00

METHOD OF PAYMENT

Check enclosed as payment.
 Charge "TOTAL FEES DUE" to the Deposit Account No. below.
 No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

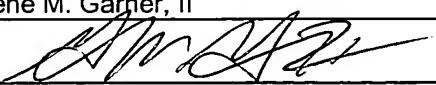
GENERAL AUTHORIZATION

If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.	19-3935
Deposit Account Name	STAAS & HALSEY LLP

The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Gene M. Garner, II	Reg. No.	34,172
Signature		Date	NOV. 12, 2003

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1602.1029	To be Assigned
	FIRST NAMED INVENTOR	
	Terunobu MARUYAMA et al.	

Inventor, Patent Number, Country, Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
Japanese Patent Laid-Open No.5-6403	Jan.14,1993	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.10-254923	Sep.25,1998	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.9-44552	Feb.14,1997	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.2000-207440	Jul.28,2000	We enclose the brief English Translation thereof. <Remarks> The Corresponding US Patent Application is US Patent No.6,449,750.

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO.	APPLICATION NO.
	1602.1029	To be Assigned
	FIRST NAMED INVENTOR	
	Terunobu MARUYAMA et al.	

Inventor, Patent Number, Country, Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
Japanese Patent Laid-Open No.6-223130	Aug.12,1994	We enclose the brief English Translation thereof. <Remarks> We enclose herewith the English translations of the above-described relevant portions, respectively.
Japanese Patent Laid-Open No.3-157781	Jul.05,1991	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.2001-60216	Mar.06,2001	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.7-85112	Mar.31,1995	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.4-140885	May 14,1992	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.5-225274	Sep.03,1993	We enclose the brief English Translation thereof.
Japanese Patent Laid-Open No.8-190421	Jul.23,1996	We enclose the brief English Translation thereof.